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P.O. Box 2200, Hillsboro, Oregon 97123

TEL 503.844.9009 FAX 503.296.2172 EMAIL mail@ganzlaw.com

A Professional Corporation

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To Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313
Art Unit 3752

From Examiner: Christopher Kim - Fax No. (571) 273-4905

Re Hilde M.L. Coeckx, Reg. No. 57,506, Ganz Law P.C.

Claim amendment suggestions for

- Application serial number: 10/775,669
- Attorney docket number: STA-2.001.US
- Filing date: 02/09/2004
- Applicant: Donald Starr
- Title: TIRE ASSEMBLY SUPPORT FRAME FOR IRRIGATION SYSTEMS

Tel (503) 844-9009

Fax (503) 296-2172

Pages 1 + 3 SHEETS

Examiner Kim:

As discussed earlier today, please find attached claim amendment suggestions for Application No. 10/775,669.

Respectfully submitted,

Hilde M.L. Coeckx, Reg. No. 57,506

TEL 503.844.9009 FAX 503.296.2172 EMAIL mail@ganzlaw.com

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CLAIM AMENDMENT SUGGESTIONS

44. (New) A mobile irrigation system, comprising:
- an elongate boom;
 - a plurality of downwardly extending towers, each tower associated with its own wheel assembly;
 - the wheel assembly comprising a frame having two arms and interconnecting members to form a general U-shape; two of the arms being opposite and generally parallel to each other so that a tire assembly may be rotatably mounted in between and to the opposite arms; the interconnecting members being adjustable in width so that the wheel assembly may be used with tire assemblies of varying width; a gear box mounted on one of the opposite arms and coupling to a tire assembly mounted in between the arms to drive wheels in the tire assembly; and the frame coupling to the tower to distribute the weight from the tower evenly across the opposite sides of the tire assembly via the opposite arms of the frame.
45. (New) A wheel assembly for a mobile irrigation tower, comprising:
- a frame having two arms and interconnecting members to form a general U-shape;
 - two of the arms being opposite and generally parallel to each other so that a tire assembly may be rotatably mounted in between and to the opposite arms;
 - the interconnecting members being adjustable in width so that the wheel assembly may be used with tire assemblies of varying width;

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a gear box mounted on one of the opposite arms and coupling to a tire assembly mounted in between the arms to drive wheels in the tire assembly;

the frame coupling to the tower to distribute the weight from the tower evenly across the opposite sides of the tire assembly via the opposite arms of the frame.

46. (New) The wheel assembly of claim 45, further comprising a force transfer member coupled between the frame and the tower for transferring forces generated by the tire assembly to the tower.
47. (New) The wheel assembly of claim 45, further comprising a swivel support tube telescopically coupled to the tower, allowing the wheel assembly to swivel around the tower.
48. (New) A wheel assembly for a mobile irrigation tower, comprising:
- a generally U-shaped frame having two arms and interconnecting members;
 - two of the arms being opposite and generally parallel to each other so that a tire assembly may be rotatably mounted in between and coupled to the opposite arms;
 - the interconnecting members comprising at least two telescoping elements providing an adjustable interconnection to adjust the width of the U-shaped frame so that the U-shaped frame may be used with tire assemblies of varying width;

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a gear box mounted on one of the two arms and coupling to a tire assembly mounted in between the arms to drive wheels in the tire assembly;

the U-shaped frame coupling to the lower portion of the tower to distribute the weight from the tower evenly across the opposite sides of the tire assembly via the opposite arms of the frame; and

at least one of the two arms having a spring to adjust the pressure of the tower over the U-shaped frame.